



With ABF Protection

BLT[®]

XL®/BLT®

Galvanized and Black Lightwall Threadable Pipe

The original “Galvanized” and “Black” Threadable Lightwall pipes with exceptional hydraulics and economy.

XL®/BLT®’s proven hydraulic advantage and lighter weight adds value to any system. When you need a proven sprinkler pipe, specify XL/BLT.

XL/BLT pipe are an exceptionally strong steel sprinkler pipe of the class generally known as “lightwall threadable pipe”. Its wall thickness is less than that of Sch-40 or Sch-10, but the cold forming process undergone in manufacturing gives XL/BLT pipe mechanical strength characteristics equivalent to those required for Sch-40. It is designed for use in wet, dry, preaction and deluge systems. XL/BLT can be joined with threaded couplings (when in accordance with ANSI B1.20.1), roll grooved or plain-end couplings, or welded joints.

XL/BLT products have metallurgical properties which provide excellent fabrication characteristics for end prep finishes, welding and roll grooving. No special process or equipment are needed for fabrication and installation.

XL is manufactured with galvanized coating.

BLT is black lacquer coated.

The internal surface of all black Allied Tube & Conduit Fire Sprinkler pipe products up to 4.5000” in diameter is coated with our new Antibacterial Formula, “ABF”. In scientific laboratory test, ABS proved to have superior resistance to microbial colonization of pipe walls, thereby delaying or possibly preventing the onset of Microbiologically Influenced corrosion (MIC) when the First Sprinkler System is first installed.

Specifications							
NPS	Nominal I.D.	Wt.	Wt. (H2O Filled)	Pcs/	Wt/Lift (21')	Wt/Lift (24')	Wt/Lift (25')
In; mm	In; mm	Lbs/Ft; Kg/m	Lbs/Ft; Kg/m	Lift	Lbs; Kg	Lbs; Kg	Lbs; Kg
1"	1.104	1.13	1.61	91	2,333	2,667	2,570
25	28.0	1.8	2.40	91	1,060	1,211	1,228
1¼"	1.452	1.46	2.25	61	2,019	2,307	2,226
32	36.9	2.3	3.35	61	917	1,048	1,058
1½"	1.687	1.76	2.84	61	2,409	2,753	2,684
40	42.8	2.8	4.23	61	1,094	1,250	1,294
2"	2.154	2.35	4.06	37	1,959	2,239	2,173
50	54.7	3.7	6.04	37	890	1,017	1,041
2½"*	2.581	4.08	6.34	30	2,571	2,939	3,060
65	65.5	6.05	9.45	30	1,168	1,335	1,390
3"*	3.200	5.01	8.49	19	1,999	2,285	2,380
80	81.2	7.43	12.7	19	908	1,038	1,081

* XL only

XL/BLT pipe is manufactured to meet ASTM A-135, Grade A for fire sprinkler applications up to 300 psi working pressure.



Listed



Approved



Listed

It is UL listed for wet, dry, preaction and deluge systems, and FM approved for wet sprinkler systems. XL/BLT is ULC listed for wet, dry and preaction systems. All threaded and welded fittings are approved in accordance with NFPA 13.

FM requires 12' maximum hanger spacing for XL/BLT. C-Factors for XL/BLT are 120 for wet systems, and C=100 for dry systems. Refer to Hazen-Williams charts for accurate flow comparisons.

XL/BLT pipe offers the maximum hydraulic advantage of any available threadable sprinkler pipe. Its inside diameter is up to 5% larger than Sch-40. The use of XL/BLT in conjunction with Dyna-Flow pipe, can dramatically improve the flow characteristics, thereby increasing the potential for “downsizing” system components.

The clean surface quality of XL/BLT is readily paintable. The lighter weight of XL/BLT is a distinct advantage for retro-fit installations and can also reduce labor costs.